

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 3, and 6-17, CANCEL claims 2 and 4-5, without prejudice or disclaimer, and ADD new claims 18-21 in accordance with the following:

1. (CURRENTLY AMENDED) A goods-purchase information processing method, using a store settlement device, comprising ~~the steps of~~:

calculating goods settlement information from goods information ~~for~~ of goods purchased by ~~an~~ a user and ~~for~~ processing the a settlement; and

sending goods purchase information, including said ~~product~~ goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device ~~for~~ of said user, wherein

said calculating comprises

reading the goods information for the goods purchased by said user using a reader on in said settlement device,

calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement, and

said sending of the goods purchase information comprises

sending said goods purchase information to said mobile terminal from said register terminal in response to a prompt from a settlement key of said goods settlement information in said register terminal.

2. CANCELLED

3. (CURRENTLY AMENDED) ~~The~~ A goods purchase information processing method ~~according to Claim 2, wherein said transmission step comprises~~ using a store settlement device, comprising:

calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user, wherein

said calculating comprises

reading the goods information for the goods purchased by said user using a reader on in said settlement device,

calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement, and

said sending of the goods purchase information comprises

requesting said goods purchase information from said reader to said register terminal,

receiving said goods purchase information from said register terminal to said reader, and

a step for sending said received goods purchase information to said mobile terminal from said reader.

4-5 CANCELLED

6. (CURRENTLY AMENDED) ~~The A~~ goods purchase information processing method according to Claim 1, wherein ~~said transmission step comprises a step for using a store settlement device, comprising:~~

calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user, wherein

said calculating comprises

reading the goods information for the goods purchased by said user using a reader on in said settlement device,

calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement, and

said sending of the goods purchase information comprises

transferring ~~sending~~ said goods settlement information to said mobile terminal in

response to a prompt from ~~means for~~ receipt issue key ~~prompting transmission of~~ said goods settlement information in said settlement device.

7. (CURRENTLY AMENDED) a goods purchase information processing method ~~according to Claim 1, wherein said transmission step comprises a step for~~ using a store settlement device, comprising:

calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user, wherein

said calculating comprises

reading the goods information for the goods purchased by said user using a reader on in said settlement device,

calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement, and

said sending of the goods purchase information comprises

transferring ~~sending~~ said goods settlement information to said mobile terminal in response to a prompt from ~~means for~~ prompting reception ~~a received instruction key by~~ of said mobile terminal.

8. (CURRENTLY AMENDED) ~~The~~ A goods purchase information processing method ~~according to Claim 1, wherein said settlement step comprises a step for~~ using a store settlement device, comprising:

calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user, wherein

said settlement comprises

sending a settlement request to said mobile terminal from said settlement device, and

receiving payment information from said mobile terminal and processing said settlement in response to said settlement request.

9. (CURRENTLY AMENDED) A goods purchase information processing system in a store, comprising:

~~a settlement means for~~unit calculating the goods settlement information from goods information for goods purchased by an a user and ~~for processing the~~ a settlement; and

~~a communication means for~~unit sending goods purchase information, including said goods settlement information, to a mobile terminal of said user to communicate with a processing device ~~for~~of said user.

10. (CURRENTLY AMENDED) The goods purchase information processing system according to ~~Claim~~claim 9, wherein said settlement ~~means~~unit comprises;

a reader ~~for reading goods information for~~of the goods purchased by said user; and

a register terminal ~~for~~ calculating the goods settlement information from said read goods information and processing the settlement.

11. (CURRENTLY AMENDED) The goods purchase information processing system according to ~~Claim~~claim 10, wherein said reader sends said goods purchase information to said mobile terminal.

12. (CURRENTLY AMENDED) The goods purchase information processing system according to ~~Claim~~claim 10, wherein said register terminal sends said goods purchase information to said mobile terminal.

13. (CURRENTLY AMENDED) The goods purchase information processing system according to ~~Claim~~claim 9, wherein said settlement ~~device~~unit transfers said goods settlement information to said mobile terminal in response to a prompt from ~~means of a~~ unit prompting calculation of said goods settlement information.

14. (CURRENTLY AMENDED) The goods purchase information processing system according to ~~Claim~~claim 9, wherein said settlement ~~device~~unit transfers said goods settlement information to said mobile terminal in response to a prompt from ~~means of a~~ unit prompting transfer of said goods settlement information.

15. (CURRENTLY AMENDED) The goods purchase information processing system according to ~~Claim~~claim 9, wherein said settlement ~~device~~unit transfers said goods settlement information to said mobile terminal in response to a prompt from ~~means-of-a~~unit prompting reception by said mobile terminal.

16. (CURRENTLY AMENDED) The goods purchase information processing system according to ~~Claim~~claim 9, wherein said settlement ~~device~~unit receives payment information from said mobile terminal and processes said settlement.

17. (CURRENTLY AMENDED) A bar code scanner, comprising:
~~means-for-a~~reading unit reading bar codes found ~~on~~in goods;
~~means-for-a~~transferring unit transferring said read bar codes to an automatic product settlement device;
~~means-for-a~~receiving unit receiving goods purchase information from said automatic product settlement device; and
~~means-for-a~~sending unit sending said received goods purchase information to a mobile information terminal.

18. (NEW) The goods-purchase information processing method according to claim 3, wherein said requesting comprises:
sending a send enable signal to said mobile terminal from said reader when said reader reads a barcode of said goods;
transmitting a received request to said reader from said register terminal in response to said send enable signal; and
requesting said goods purchase information from said reader to said register terminal in response to said receive request.

19. (NEW) The goods-purchase information processing method according to claim 8, wherein said processing comprises:
authorizing a sent user from said payment information; and
processing said settlement according to said authorized result.

20. (NEW) The goods-purchase information processing method according to claim

19, wherein said processing comprises:

processing settlement according to a withdrawal account of said payment information.

21. (NEW) A goods-purchase information processing method by using a store settlement device, comprising:

calculating goods settlement information from goods information of goods purchased by a user and processing settlement;

sending a settlement request to a mobile terminal of said user from said settlement device; and

receiving payment information from said mobile terminal and processing said settlement in response to said settlement request.